?ds

Set   Items   Description
S1   1093038   DATABASE? OR DATABANK? OR DATAMIN? OR (DATA OR RECORD)(1W)-
                  (MANAG? OR BASE? OR BANK? OR MINE? ? OR REPOSITOR? OR MINING)
                  OR DB OR DBS OR OODB OR RDB OR DBMS OR RDBMS
S2   1513084   (FAMILY OR FAMILIES) OR (GROUP? OR TABLE? OR SET OR SETS OR
                  CLASS)(5N)(RELATED OR RELATIONSHIP? OR COMMON OR SIMILIAR OR
                  SAME OR ALIKE OR KINDRED)
S3   82908   DUPLICAT? OR DUPE? ? OR DEDUPE? ? OR DEDUPLICAT?
S4   22087513   VALUE? ? OR CRITERI? OR SPECIFIC? OR PROPERT? OR FEATUR? OR
                  IDENTIFIER? OR FIELD? ? OR ELEMENT? OR INDICATOR?
S5   198   S1 AND S2 AND S3 AND S4
S6   179   RD (unique items)
S7   136   S6 NOT PY>2002
S8   4060987   SORT? ? OR ARRANG? OR INDEX? OR ADD OR ADDS OR ADDING OR O-
                  GANISE? OR ORGANISING OR ORGANIZE? OR ORGANIZATION OR MERGE? -
                  OR MERGING? OR (PUT OR PUTS OR PUTTING OR BRING? OR PLACE?)(-
)TOGETHER
S9   42   S7 AND S8
S10   216491   S8 (5N) (DATA OR RECORD? ? OR INFORMATION OR ELEMENT? OR O-
                  BJECT? ? OR FILE OR FILES OR CONTENT? ? OR ITEM OR ITEMS)
S11   7   S10 AND S7
S12   57   S7 AND S4(5N)(DATA OR RECORD? ? OR INFORMATION OR ELEMENT?
                  OR OBJECT? ? OR FILE OR FILES OR CONTENT? ? OR ITEM OR ITEMS)
S13   52   S12 NOT S11
?show files
File   8:Ei Compendex(R) 1970-2004/Sep W2
         (c) 2004 Elsevier Eng. Info. Inc.
File 35:Dissertation Abs Online 1861-2004/Aug
         (c) 2004 ProQuest Info&Learning
File 103:Energy SciTec 1974-2004/Aug B2
         (c) 2004 Contains copyrighted material
File 202:Info. Sci. & Tech. Abs. 1966-2004/Sep 09
         (c) 2004 EBSCO Publishing
File 65:Inside Conferences 1993-2004/Sep W3
         (c) 2004 BLDSC all rts. reserv.
File   2:INSPEC 1969-2004/Sep W2
         (c) 2004 Institution of Electrical Engineers
File 233:Internet & Personal Comp. Abs. 1981-2003/Sep
         (c) 2003 EBSCO Pub.
File 94:JICST-EPlus 1985-2004/Aug W4
         (c)2004 Japan Science and Tech Corp(JST)
File 438:Library Lit. & Info. Science 1984-2004/Aug
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File 111:TGG Natl.Newspaper Index(SM) 1979-2004/Sep 23
         (c) 2004 The Gale Group
File 603:Newspaper Abstracts 1984-1988
         (c)2001 ProQuest Info&Learning
File 483:Newspaper Abs Daily 1986-2004/Sep 22
         (c) 2004 ProQuest Info&Learning
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File 144:Pascal 1973-2004/Sep W2
         (c) 2004 INIST/CNRS
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
         (c) 1998 Inst for Sci Info
File 34:SciSearch(R) Cited Ref Sci 1990-2004/Sep W3
         (c) 2004 Inst-for Sci Info
File 62:SPIN(R) 1975-2004/Jul W4
         (c) 2004 American Institute of Physics
File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Aug
         (c) 2004 The HW Wilson Co.
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?t s13/5/5

13/5/5   (Item 2 from file: 2)
DIALOG(R)File   2:INSPEC

4777737   INSPEC Abstract Number: C9411-6130-009
 Title: Duplicates **detection, counting, and removal**
 Author(s): Abdelguerfi, M.
 Author Affiliation: Dept. of Comput. Sci., New Orleans Univ., LA, USA
 p.59-64
 Editor(s): Tjoa, A.M.; Ramos, I.
 Publisher: Springer-Verlag, Wien, Austria
 Publication Date: 1992 Country of Publication: Austria   xii+546 pp.
 ISBN: 3 211 82400 6
 Conference Title: Proceedings of DEXA '92. International Conference on
Database and Expert Systems Applications
 Conference Date: 2-4 Sept. 1992   Conference Location: Valencia, Spain
 Language: English   Document Type: Conference Paper (PA)
 Treatment: Practical (P)

Abstract: The need to detect and eliminate **duplicate   elements** arises
in many applications, such as the processing of relational **database**
operations, the comparison of complex objects, transitive closure, and
protocol   verification.   Given   a   multiset,   the   process   of detecting
 duplicates , eliminating them, sorting the remaining distinct **elements** ,
and counting the number of occurrences of each in the multiset is a
computationally intensive task, especially when complex objects are
involved. In this paper, the computational complexity of performing such a
task is addressed. The computational complexity study is based on a
modified comparison-based decision tree. It is shown that, to a multiset
M(n,L) of n **elements** , L of which are distinct, we can associate a
decision tree of L!S(n,L) external nodes. S(n,L) represents the Stirling
number of the second kind. This result suggests that upper and lower bounds
to perform such a task are different from those of sorting a **set** of the
 same   cardinality. It is also shown that a comparison-based sorting
algorithm can be adapted to perform such a task. In addition, the
analytical performance of the adapted sorting algorithm is addressed. (31
 Refs)
 Subfile: C
 Descriptors: computational complexity; list processing; relational
databases ; sorting; tree data structures
 Identifiers: **duplicates** detection; **duplicates** counting; **duplicates**
removal; relational **database** operations; complex objects comparison;
transitive closure; protocol verification; multiset; analytical performance
; computationally intensive task; computational complexity; modified
comparison-based decision tree; Stirling number; upper bounds; lower bounds
; cardinality; comparison-based sorting algorithm
 Class Codes: C6130 (Data handling techniques); C4240 (Programming and
algorithm theory); C1160 (Combinatorial mathematics); C4250 (Database
theory); C6160D (Relational DBMS)
?

?t s11/5/2,4

00436605   96HS09-005
Anatomy of a strategic information system in non-profit community health care
    Misra, Santosh K; Golden, Donald G
    Computers in Human Services , September 1, 1996 , v13 n3 p73-90, 18 Page(s)
    ISSN: 0740-445x
    Languages: English
    Document Type: Articles, News & Columns
    Geographic Location: United States
    Describes the design and implementation of an **information** system for a loosely **organized group** of six health care and **related** organizations. Discloses that the system kernel is designed to capture a **common set** of data that all participating organizations need. Notes that the second tier deals with **specific** background information and the third tier deals with practice data. State the three-tier approach reduces **duplication** , tracking effort, the cost of **data management** , while producing a client's health ri profile and identifying service gaps. Adds that system design h considered issues of organizational fit, interoperability, and operational control. Includes three diagrams and one reference list. (dpm)
    Descriptors: **Data Base Management** ; Health; Case Study; Information Services; Interoperability

00262914   91PI12-018
Alpha Four
    Salemi, Joe
    PC Magazine , December 17, 1991 , v10 n 21 p122-130, 4 Page(s)
    ISSN: 0888-8507
    Company Name: Alpha Software
    Product Name: Alpha Four
    Languages: English
    Document Type: Software Review
    Grade (of Product Reviewed): a
    Geographic Location: United States
    Presents a very favorable review of Alpha Four ($549), a nonprogrammable **data base** from Alpha Software Corp., Burlington, MA (800, 617). The program requires 512K RAM, 2.4MB hard disk space, and DOS 2.0 or later. It can display data in form or table mode and can search for both **indexed** and unindexed **fields** . **Data** can be filtered using search lists which can be saved for repeated use. The mail-merge function supports if-then-else constructs within a letter, so letter content can be customized. The program can post data from the current file to another on-disk and it supports the Join, Subtract, and Intersect relation commands. Its Set functions can link up to ten **databases** on a **common field** and since a **Set** is treated like a single **database** , there is no requirement to **duplicate** data already entered in other files. It supports macros and has a keystroke recorder. It is an ''Editors' Choice.'' Includes one illustration, one screen display. (djd)
    Descriptors: **Database** ; **Data Base Management** ; **Sof tware Revi** ew
    Identifiers: Alpha Four; Alpha Software
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